


## Optical path establishing method for automatically exchanging optical network

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### Abstract of CN1384618

The present invention belongs to the field of optical communication technology. The method of establishing optical path includes sending out by the first client equipment node the request of establishing optical path; calculating the route in the optical cross-linking equipment node based on the request and transferring the request to the next client equipment node; checking optical resource state by the local network management system; sending out the establishment response by the second client equipment node after receiving the request and transmitting the information to the first client equipment node; and finishing the optical path establishment after the first client equipment node receives the resource distribution confirmation. Capable of establishing optical path fast in case of lacking of network resource, the method of the present invention is suitable for use in the next generation of automatic exchange optical network.

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